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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/780,360	
	Filing Date	February 17, 2004	
	First Named Inventor	Matti Huiku	
	Art Unit	3736	
	Examiner Name	Karen E. Toth	
Total Number of Pages in This Submission	13	Attorney Docket Number	2532-00342

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Andrus, Scealess, Starke & Sawall, LLP		
Signature	<i>Daniel D. Fetterley</i>		
Printed name	Daniel D. Fetterley		
Date	09/11/2006	Reg. No.	20,323

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PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/780,360  
Applicant : Matti Huiku  
Filed : February 17, 2004  
Title : Monitoring the Neurological State of a Patient

TC/A.U. : 3736  
Examiner : Karen E. Toth  
Docket No. : 2532-00342  
Customer No.: 26753

AMENDMENT

Milwaukee, Wisconsin 53202  
September 11, 2006

Commissioner for Patents  
Mail Stop - Amendment - Fee  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action of June 14, 2006, kindly amend the above identified application, as follows.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.